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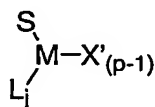
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- (74) Agent: **MOOLJ, Johannes, Jacobus**; DSM Intellectual Property, P.O. Box 9, NL-6160 MA Geleen (NL).
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- (71) Applicant (for all designated States except US): **DSM IP ASSETS B.V.** [NL/NL]; Het Overloon 1, NL-6411 Te Heerlen (NL).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): **IJPEIJ, Edwin, Gerard** [NL/NL]; Vrangendael 153, NL-6136 JN Sittard (NL). **ARTS, Henricus, Johannes** [NL/NL]; Montjoiesstraat 4, NL-6151 JD Munstergeleen (NL). **VAN DOREMAELE, Gerardus, Henricus, Josephus** [NL/NL]; Op de Hoef 6, NL-6132 HN Sittard (NL). **BEIJER, Felix, Hugo** [NL/NL]; Darwinstraat 14, NL-6132 GW Sittard (NL).
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(54) Title: **IMPROVED METHOD OF PREPARING A HYDROCARBYLATED METAL-ORGANIC COMPOUND**



(57) Abstract: The invention relates to a process for the preparation of a hydrocarbylated metal organic compound, comprising a hydrocarbyl group, a spectator ligand and optionally a ligand, by contacting a metal-organic reagent with a spectator ligand in the presence of at least 2 equivalents of a hydrocarbylating agent. The invention further relates to a hydrocarbylated metal organic compound according to the following formula (I) containing a spectator ligand S equal to (Ar-Z)<sub>s</sub>Y(-Z-DR'<sub>n</sub>)<sub>q</sub>, wherein Y represents the an anionic moiety of S bonded to M of the metal-organic compound, Z an optional bridging group between the Y moiety and the DR'<sub>n</sub> and/or Ar group, D an electron donating hetero atom chosen from group 15 or 16, R' an optional substituent, Ar an electron-donating aryl group, n the number of R' groups bonded to D, q and s integers with q + s ≥ 1, wherein Y is an imine radical, or wherein the electron donating hetero atom containing group DR'<sub>n</sub> is a ketimide, phosphinimide, guanidine, or iminoimidazoline, or a combination thereof.